

User Manual

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English



LINDY No. 42985

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Introduction

Thank you for purchasing the LINDY USB 2.0 Notebook Docking Station Pro. This Docking Station is a versatile expansion unit which allows you to conveniently connect your Notebook computer to all manner of desktop peripherals.

Features

- 2 Port, High-Speed USB 2.0 Hub, backwards compatible with USB 1.1
- USB 2.0/1.1 High-Speed Link Port
- PC-Ling software for data transfer
- Serial RS-232 Port
- Bi-directional Parallel Printer Port
- PS/2 Keyboard & Mouse Ports
- 10/100 Fast Ethernet LAN Port

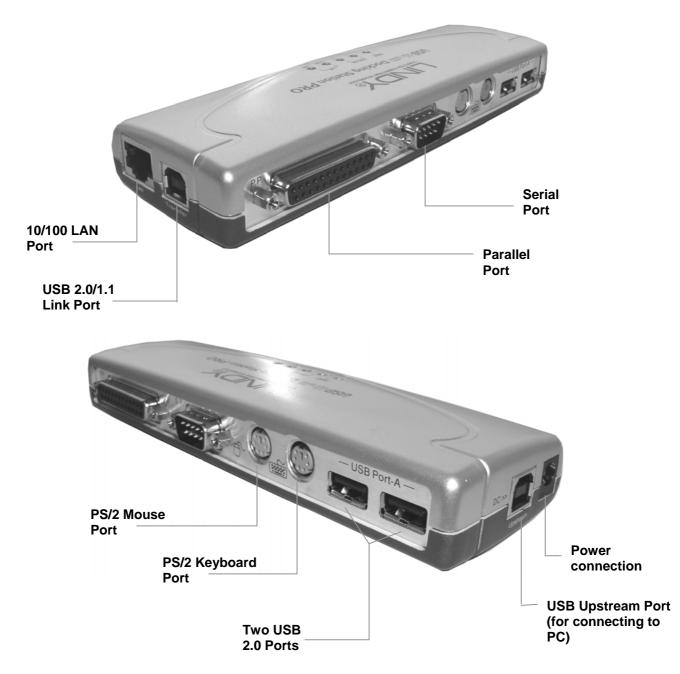
System Requirements

- Pentium compatible PC or Notebook
- CD drive
- USB 2.0/1.1 Port
- Windows 98SE/Me/2000/XP

Package Contents

- USB 2.0 Docking Station Pro
- USB connection cable
- Driver CD
- External Power Adapter
- This manual

Connections



- 1. Plug the power adapter jack into the power socket on the Docking Station
- 2. Locate an unused mains outlet and plug in the power adapter
- 3. Ensure your computer is powered up and has launched Windows
- 4. Plug the flat end (Type A) of the supplied USB cable into a free USB port on your PC
- 5. Plug the square end (Type B) of the USB cable into the port marked **Upstream** on the Docking Station
- 6. At this point Windows will detect the Docking Station and begin the installation process (see next section)

Software Installation

The driver installation process is only required when you connect the docking station for the very first time. Please make sure that your computer is powered on and connected to the Docking Station's **Upstream** port.

Please note the examples illustrated are for Windows ME and XP. For Windows 98SE and 2000, the installation procedures are similar.

Important: Please make sure the supplied driver CD-ROM is placed in the CD drive before continuing.

Windows ME – Installation Procedure

1. After connecting the Docking Station to the computer the following window will appear:



Select Automatic search for a better driver and click Next to continue.

2. The following window will appear. Select CD-ROM drive and click Next:



3. Windows will search the CD for each relevant driver (in this case the USB 2.0 Fast Ethernet Adapter). Once the driver has been found and automatically installed the following window will appear:

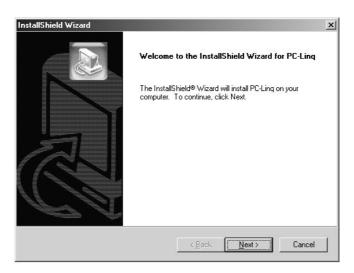
Add New Hardware Wiz	ard
	USB 2.0 10/100Base Ethernet Adapter
	Windows has finished installing the new hardware device.
*	
	<back cancel<="" finish="" th=""></back>

Click Finish to proceed.

4. If, at this point, Windows asks you to restart your computer click No:

System S	Settings Change
?	To finish setting up your new hardware, you must restart your computer. Do you want to restart your computer now?
	<u>Yes</u> <u>N</u> o

- 5. Now, repeat steps 1 to 4 for each element that requires driver installation. Windows will continue to prompt for user intervention as detailed above until all the relevant drivers have been installed simply follow the on-screen instructions!
- 6. When Windows detects and begins to install the drivers for the **USB Bridge Cable** the **PC Linq** software installation screen will also appear. Click **Next**:



7. The **Choose Destination Location** window will appear. Click **Next** to continue or **Browse** to select a different location:

oose Destination Location Select folder where Setup will ins	tall files.	
Setup will install PC-Ling in the fo	llowing folder.	
To install to this folder, click Next another folder.	To install to a different folder, click Br	owse and select
Destination Folder		0
Destination Folder C:\Program Files\PC-Ling		Biowse

8. Select the folder where you want the **PC-Linq** icon to be listed and click **Next**:

lect Program Folder	
Please select a program folder.	Č.
	Program Folder listed below. You may type a new folder gfolders list. Click Next to continue.
Program Folders:	
PC-Ling	
xisting Folders:	
Accessories	
Games Online Services	
StartUp	
Shield	

9. The **PC-Linq** icon will be added to the desktop:



10. After Windows has finished installing all the software you may be asked to restart your computer. Click **Yes**:



Windows ME – Verifying Installation

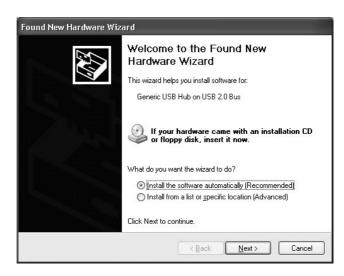
To verify the correct installation of the drivers you need to view **Device Manager**.

Right click the **My Computer** icon on your Windows desktop and select **Properties** from the drop-down list. Select the **Device Manager** tab and double click the sections marked **Universal Serial Bus Controllers**, **Ports (COM & LPT)** and **Network Adapters**. The entries outlined below should be present:

System Properties	X System Properties
General Device Manager Hardware Profiles Performance	General Device Manager Hardware Profiles Performance
View devices by type C View devices by connection	View devices by type View devices by <u>c</u> onnection
Human Interface Devices Keyboard Monitors Mouse Mouse Jid-Up Adapter Jid-Up Adapter Jid-Up Adapter Jid-Up S258-based Integrated Ethernet with Wake on LAN USB to 20 10/100Base Ethernet Adapter Ports (COM & LPT) VSB to Parallel Port (LPT2) USB to Serial Port (LPT2) USB to Serial Port (COM2) Jost System devices Universal Serial Bus controllers Properties Refresh Remove Print	Human Interface Devices Keyboard Monitors Mouse Mouse Ports (COM & LPT) System devices Veivoral Secial Bue controller Generic USB Hub Generic USB Hub Molified B2371AB/EB PCI to USB Universal Host Controller VISB Bridge Cable USB Bridge Cable USB Composite Device USB Parallel Bridge Properties Refresh Remove Print
Close Cancel	Close Cancel

Windows XP – Installation Procedure

1. After connecting the Docking Station to the computer the following window will appear:



Select Install the software automatically and click Next to continue.

2. If at anytime during the installation, you see a Windows Logo testing screen, click **Continue Anyway**:



3. Windows will search the CD for each relevant driver (in this case the Generic USB Hub). Once the driver has been found and automatically installed the following window will appear:



Click **Finish** to continue.

- 4. Now, repeat steps 1 to 3 for each element that requires driver installation. Windows will continue to prompt for user intervention as detailed above until all the relevant drivers have been installed simply follow the on-screen instructions!
- 5. When Windows detects and begins to install the drivers for the **USB Bridge Cable** the **PC Linq** software installation screen will also appear. Click **Next**:



6. The **Choose Destination Location** window will appear. Click **Next** to continue or **Browse** to select a different location:

iferent folder, click Browse and select
ifferent folder, click Browse and select
ifferent folder, click Browse and select
Browse

7. Select the folder where you want the PC-Linq icon to be listed and click Next:

stallShield Wizard			
Select Program Folder Please select a program folder.			
Setup will add program icons to the Progra name, or select one from the existing folder			a new folder
<u>P</u> rogram Folders:			
PC-Ling			
Existing Folders:			
Accessories Administrative Tools Games Network Print Server PCI Audio Applications Q-CAM Startup ZyDAS Wireless LAN - USB			
stallShield			
	< <u>B</u> ack	<u>N</u> ext>	Cancel

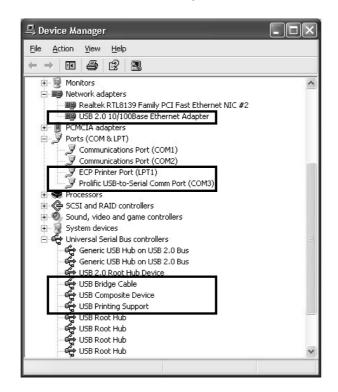
8. The **PC-Linq** icon will be added to the desktop:



Windows XP – Verifying Installation

To verify the correct installation of the drivers you need to view **Device Manager**.

Right click the **My Computer** icon on your Windows desktop and select **Properties** from the drop-down list. Select the **Hardware** tab, then and click on the **Device Manager** button. Double click the sections marked **Network Adapters**, **Ports (COM & LPT)** and **Universal Serial Bus Controllers**. The entries outlined below should be present:



Using the Serial and Parallel Ports

Serial Port:

If you connect a serial device (e.g. modem) to the docking station you must perform the **Add New Hardware** function from the Windows Control Panel and manually install the device.

The USB to Serial interface used by the docking station is designed to work with modems or serial devices capable of handling 'virtual ports'. Most serial mice and other older serial devices recognize physical serial ports only and therefore will not work with the USB to Serial interface.

Parallel Port:

If you connect a printer to the parallel port on the Docking Station and your printer is not automatically detected, you may need to manually install the printer driver and set up the printer port. Please follow the example below. The example shown is for Windows XP, the procedure is similar for Windows 98SE, ME and 2000. If you experience problems when installing the printer driver, please use the Windows Help program.

1. Click on the **Start** button on the taskbar, then select **Printers and Faxes** from the Start Menu:



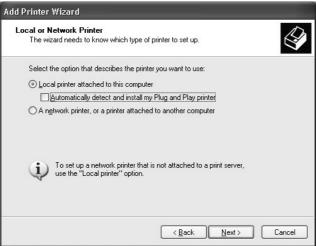
2. In the Printer Tasks box, click on Add a printer:

🏷 Printers and Faxes	
<u>E</u> ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	AU
Search 🕞 Folders	
Address 🚱 Printers and Faxes	✓ → Go
Printer Tasks	
Add a printer	
🔊 Set up faxing	
See Also	
? Troubleshoot printing	
 Get help with printing 	
Other Places	
Control Panel	
Scanners and Cameras	
My Documents	
My Computer	
-	
Details	

3. The Add Printer Wizard window will appear. Click Next:



4. The Local or Network printer window appears. Select Local printer attached to this computer:



5. Now you need to select the Docking Station's printer port. Click the option button next to Use the following port and scroll down to highlight USB001 (Virtual printer port for USB). Click Next:

ect a Printer Port Computers communicate w	ith printers through ports.	
Select the port you want yo new port.	ur printer to use. If the port is not listed, you ca	n create a
Use the following port:	USB001 (Virtual printer port for USB)	~
Note: Most computers i The connector for this j	LPT1: [Recommended Printer Port] LPT2: [Printer Port] LPT3: [Printer Port] COM1: [Serial Port] COM2: [Serial Port] COM3: [Serial Port] COM4: [Serial Port] COM4: [Serial Port] FLE: (Print to File) IP_192168.2.105 [Standard TCP/IP Port] LPT:PSE0521 [192.168.2.106,PID:1] USB00T (Writeal printer port for USB]	
Type of port:	Local Port	~

6. At the next window select your printer from the list and click **Next**. If you have the driver disk for the printer select **Have disk**...

Add Printer Wizard		
Install Printer Software The manufacturer and model	determine which printer software to use.	
	id model of your printer. If your printer came with an in ur printer is not listed, consult your printer documental	
Manufacturer 🔥	Printers	~
Diconix	Epson Stylus COLOR 600 ESC/P 2	
Digital Epson	Epson Stylus COLOR 640 ESC/P 2	
Fuji Xerox	Epson Stylus COLOR 660 ESC/P 2	-
Fujitsu 🗸	Epson Stylus COLOR 670 ESC/P 2	~
This driver is digitally signed. <u>Tell me why driver signing is imp</u>		e Disk
	< <u>B</u> ack Next >	Cancel

7. You can assign your printer a name here. Click Next:

Add Printer Wizard	
Name Your Printer You must assign a name to this printer.	Ŷ
Type a name for this printer. Because some name combinations of more than 31 charae possible.	e programs do not support printer and server cters, it is best to keep the name as short as
Printer name: Epson Stylus COLOR 660 ESC/P 2	
	< <u>₿</u> ack <u>N</u> ext> Cancel

8. Select Do not share this printer and click Next:

Add Printer Wizard	
Printer Sharing You can share this	printer with other network users.
	e this printer, you must provide a share name. You can use the type a new one. The share name will be visible to other network
O Do not share the	
<u> S</u> hare name:	
	<u> ≺ B</u> ack <u>N</u> ext > Cancel

9. If you want to print a test page, select Yes. Click Next:

Add Printer Wizard	
Print Test Page To confirm that the printer is installed properly, you can print a test page.	
Do you want to print a test page?	
⊙Yes	
O №	
(<u>B</u> ack)(<u>N</u> ext>)	Cancel

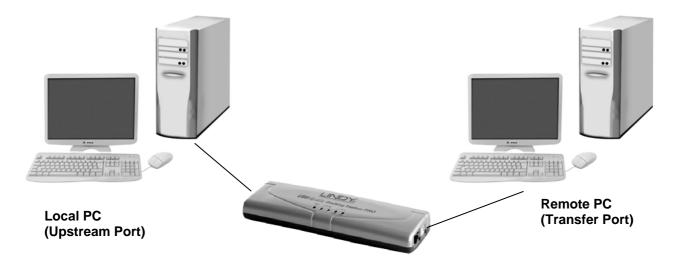
10. To complete the printer installation click Finish.



PC to PC data link

Using the docking station's **Transfer** port and the supplied PC Linq software you can connect two PCs together for data transfer.

To set up the PC data link function (**PC Ling)**, you need two PC's, each with a USB port, and an additional USB Type A to B cable (sold separately). One PC is connected to the docking station's **Upstream** (**Local**) port; the other to the Docking Station's **Transfer** (**Remote**) port.



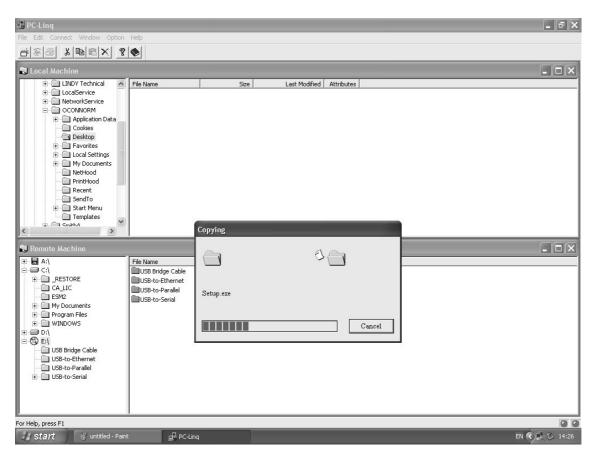
- 1. Firstly, ensure the PC Linq software is installed on both connected PC's. The software can be found on the supplied driver CD in the folder called **USB Bridge Cable**.
- 2. Connect the local and remote computers according to the instructions and diagram above.
- 3. Launch the PC Linq application on <u>both</u> computers by clicking the icon on each Windows desktop –



4. PC Linq will display two Explorer type windows – one for each connected PC:

e Edit Connect Window Option	Help				
* & B B & B B X ?					
Local Machine					
- A:)		-			
	File Name	Size	Last Modified	Attributes	
Documents and Settings	Documents and Set		2002/5/09 (1:59p)	200	
FOUND.000	FOUND.000		2002/5/09 (2:40p)	HS	
- FOUND.001	FOUND.001		2004/10/18 (12:21p)	HS	
- FOUND.002	FOUND.002		2004/10/18 (12:33p)	HS	
Program Files	Program Files		2002/5/09 (2:19p)	R	
System Volume Information	System Volume Inf		2002/5/09 (2:24p)	HS	
E- WINDOWS	WINDOWS		2002/5/09 (1:56p)		
- @ F:\	AUTOEXEC.BAT	0	2002/5/09 (2:20p)	A	
	boot.ini	194	2002/5/09 (2:16p)	HS	
	CONFIG.SYS	0	2002/5/09 (2:20p)	A	
	hiberfil.sys	268013568	2004/10/22 (10:06a)	HSA	
	IO.SYS	0	2002/5/09 (2:20p)	RHSA	
	MSDOS.SYS	0	2002/5/09 (2:20p)	RHSA	
	NTDETECT.COM	45124	2001/8/23 (12:00p)	RHSA	
	🗋 ntldr	222368	2001/8/23 (12:00p)	RHSA	
	Dinanafila cur	402653184	2004/10/22 (10:06=)	HSA	
Remote Machine					
	File Name	Size	Last Modified	Attributes	
	RESTORE	Size	Last Modified 2004/10/21 (10:49a)	Attributes	
		Size			
	RESTORE	Size	2004/10/21 (10:49a)		
- C:\ - C:\ - C: - C:	CA_LIC	Size	2004/10/21 (10:49a) 2004/10/22 (12:56p)		
	CA_LIC	Size	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p)		
C:\ CALIC CALIC CALIC My Documents Program Files	CA_LIC CA_LIC ESM2 My Documents	Size	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a)	Н	
CA_LIC ESM2 Group My Documents Group Program Files Group WINDOW5	CA_LIC CA_LIC ESM2 My Documents Program Files	Size 282	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (10:30a)	Н	
C()	RESTORE CA_LIC ESM2 My Documents Program Files WINDOW5		2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a)	H R	
C:\ CALIC CALIC CALIC My Documents Program Files	_RESTORE _CA_LIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp	282	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p)	H R A	
C()	RESTORE CA_LIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp Autoexec.akk	282 532	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:57p)	H R A	
C()	RESTORE CALIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp Autoexec.RaK AUTOEXEC.BAT	282 532 238	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:58p)	H R A A	
	RESTORE CA_LIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp Autoexec.akK AUTOEXEC.BAT AVUPDATE.LOG	282 532 238 0	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/21 (11:03a) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:57p) 2004/10/22 (12:57p) 2004/10/21 (2:25p)	R A A A A	
C()	RESTORE CA_LIC ESM2 My Documents Program Files WINDOWS Autoexec.avp Autoexec.akA Autoexec.BAX Autoexec.BAX Autoexec.BAX Autoexec.BAX Autoexec.BAX AVUPDATE.LOG BOOTLOG.PRV	282 532 238 0 44803	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/21 (11:03a) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:58p) 2004/10/22 (12:58p) 2004/10/22 (12:58p) 2004/10/21 (2:28p)	R A A A HA	
CI	RESTORE CA_LIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp Autoexec.ext AUTOEXEC.BAT AUTOEXEC.BAT BOOTLOG.PRV BOOTLOG.TXT CLASSES.IST	282 532 238 0 44803 42121 245792	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/21 (11:03a) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:58p) 2004/10/22 (12:58p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p)	R A A A A A A A A A A A A A A A A A A A	
CI	RESTORE CA_LIC ESM2 SM2 My Documents Program Files WINDOWS Autoexec.avp AUTOEXEC.BAK AUTOEXEC.BAK AUTOEXEC.BAK AUTOEXEC.BAT AVUPDATE.LOG BOOTLOG.PKV BOOTLOG.TXT CLASSES.1ST command.com	282 532 238 0 44803 42121 245792 930040	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/22 (12:06p) 2004/10/21 (11:03a) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:57p) 2004/10/22 (12:55p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p)	H R A A HA HA RH HS	
	RESTORE CA_LIC ESM2 My Documents Program Files WINDOW5 Autoexec.avp Autoexec.ext AUTOEXEC.BAT AUTOEXEC.BAT BOOTLOG.PRV BOOTLOG.TXT CLASSES.IST	282 532 238 0 44803 42121 245792	2004/10/21 (10:49a) 2004/10/22 (12:56p) 2004/10/21 (11:03a) 2004/10/21 (11:03a) 2004/10/21 (10:30a) 2004/10/21 (10:30a) 2004/10/22 (12:57p) 2004/10/22 (12:58p) 2004/10/22 (12:58p) 2004/10/21 (2:25p) 2004/10/21 (2:25p) 2004/10/21 (2:25p)	R A A A A A A A A A A A A A A A A A A A	

5. To copy files between PC's, simply 'drag & drop' between the local and remote windows:



LINDY No. 42985

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B



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